

| ISSUE CLASSIFICATION |          |
|----------------------|----------|
| Class                | Subclass |
|                      |          |

PATENT NUMBER

**U.S. UTILITY Patent Application**

|   |             |
|---|-------------|
| <p>O.I.P.E. <b>STTH</b></p> <p>SCANNED <b>LM1</b> Q.A. <b>[Signature]</b></p> | PATENT DATE |
|---|-------------|

|                              |            |                                |                 |                                     |                  |
|------------------------------|------------|--------------------------------|-----------------|-------------------------------------|------------------|
| APPLICATION NO.<br>09/683027 | CONT/PRIOR | CLASS<br><del>304</del><br>257 | SUBCLASS<br>724 | ART UNIT<br><del>2835</del><br>2827 | EXAMINER<br>THAI |
|------------------------------|------------|--------------------------------|-----------------|-------------------------------------|------------------|

| TITLE                                 | APPLICANTS                    |
|---------------------------------------|-------------------------------|
| 1. <u>Director</u>                    | 1. <u>Mr. J. Edgar Hoover</u> |
| 2. <u>Deputy Director</u>             | 2. <u>Mr. Clegg</u>           |
| 3. <u>Chief of Bureau</u>             | 3. <u>Mr. Glavin</u>          |
| 4. <u>Chief of Division</u>           | 4. <u>Mr. Ladd</u>            |
| 5. <u>Chief of Section</u>            | 5. <u>Mr. Nichols</u>         |
| 6. <u>Chief of Unit</u>               | 6. <u>Mr. Rosen</u>           |
| 7. <u>Chief of Office</u>             | 7. <u>Mr. Tracy</u>           |
| 8. <u>Chief of Staff</u>              | 8. <u>Mr. Egan</u>            |
| 9. <u>Chief of Administration</u>     | 9. <u>Mr. Gurnea</u>          |
| 10. <u>Chief of Investigation</u>     | 10. <u>Mr. Harbo</u>          |
| 11. <u>Chief of Training</u>          | 11. <u>Mr. Hendon</u>         |
| 12. <u>Chief of Records</u>           | 12. <u>Mr. Pennington</u>     |
| 13. <u>Chief of Communications</u>    | 13. <u>Mr. Quinn</u>          |
| 14. <u>Chief of Liaison</u>           | 14. <u>Mr. Nease</u>          |
| 15. <u>Chief of Legal</u>             | 15. <u>Mr. Clegg</u>          |
| 16. <u>Chief of Finance</u>           | 16. <u>Mr. Glavin</u>         |
| 17. <u>Chief of Public Relations</u>  | 17. <u>Mr. Ladd</u>           |
| 18. <u>Chief of Security</u>          | 18. <u>Mr. Nichols</u>        |
| 19. <u>Chief of Planning</u>          | 19. <u>Mr. Rosen</u>          |
| 20. <u>Chief of Research</u>          | 20. <u>Mr. Tracy</u>          |
| 21. <u>Chief of Development</u>       | 21. <u>Mr. Egan</u>           |
| 22. <u>Chief of Evaluation</u>        | 22. <u>Mr. Gurnea</u>         |
| 23. <u>Chief of Innovation</u>        | 23. <u>Mr. Harbo</u>          |
| 24. <u>Chief of Implementation</u>    | 24. <u>Mr. Hendon</u>         |
| 25. <u>Chief of Maintenance</u>       | 25. <u>Mr. Pennington</u>     |
| 26. <u>Chief of Operations</u>        | 26. <u>Mr. Quinn</u>          |
| 27. <u>Chief of Personnel</u>         | 27. <u>Mr. Nease</u>          |
| 28. <u>Chief of Procurement</u>       | 28. <u>Mr. Clegg</u>          |
| 29. <u>Chief of Quality Assurance</u> | 29. <u>Mr. Glavin</u>         |
| 30. <u>Chief of Safety</u>            | 30. <u>Mr. Ladd</u>           |
| 31. <u>Chief of Supervision</u>       | 31. <u>Mr. Nichols</u>        |
| 32. <u>Chief of Support</u>           | 32. <u>Mr. Rosen</u>          |
| 33. <u>Chief of Technology</u>        | 33. <u>Mr. Tracy</u>          |
| 34. <u>Chief of Transportation</u>    | 34. <u>Mr. Egan</u>           |
| 35. <u>Chief of Training</u>          | 35. <u>Mr. Gurnea</u>         |
| 36. <u>Chief of Administration</u>    | 36. <u>Mr. Harbo</u>          |
| 37. <u>Chief of Investigation</u>     | 37. <u>Mr. Hendon</u>         |
| 38. <u>Chief of Records</u>           | 38. <u>Mr. Pennington</u>     |
| 39. <u>Chief of Communications</u>    | 39. <u>Mr. Quinn</u>          |
| 40. <u>Chief of Liaison</u>           | 40. <u>Mr. Nease</u>          |
| 41. <u>Chief of Legal</u>             | 41. <u>Mr. Clegg</u>          |
| 42. <u>Chief of Finance</u>           | 42. <u>Mr. Glavin</u>         |
| 43. <u>Chief of Public Relations</u>  | 43. <u>Mr. Ladd</u>           |
| 44. <u>Chief of Security</u>          | 44. <u>Mr. Nichols</u>        |
| 45. <u>Chief of Planning</u>          | 45. <u>Mr. Rosen</u>          |
| 46. <u>Chief of Research</u>          | 46. <u>Mr. Tracy</u>          |
| 47. <u>Chief of Development</u>       | 47. <u>Mr. Egan</u>           |
| 48. <u>Chief of Evaluation</u>        | 48. <u>Mr. Gurnea</u>         |
| 49. <u>Chief of Innovation</u>        | 49. <u>Mr. Harbo</u>          |
| 50. <u>Chief of Implementation</u>    | 50. <u>Mr. Hendon</u>         |
| 51. <u>Chief of Maintenance</u>       | 51. <u>Mr. Pennington</u>     |
| 52. <u>Chief of Operations</u>        | 52. <u>Mr. Quinn</u>          |
| 53. <u>Chief of Personnel</u>         | 53. <u>Mr. Nease</u>          |
| 54. <u>Chief of Procurement</u>       | 54. <u>Mr. Clegg</u>          |
| 55. <u>Chief of Quality Assurance</u> | 55. <u>Mr. Glavin</u>         |
| 56. <u>Chief of Safety</u>            | 56. <u>Mr. Ladd</u>           |
| 57. <u>Chief of Supervision</u>       | 57. <u>Mr. Nichols</u>        |
| 58. <u>Chief of Support</u>           | 58. <u>Mr. Rosen</u>          |
| 59. <u>Chief of Technology</u>        | 59. <u>Mr. Tracy</u>          |
| 60. <u>Chief of Transportation</u>    | 60. <u>Mr. Egan</u>           |
| 61. <u>Chief of Training</u>          | 61. <u>Mr. Gurnea</u>         |
| 62. <u>Chief of Administration</u>    | 62. <u>Mr. Harbo</u>          |
| 63. <u>Chief of Investigation</u>     | 63. <u>Mr. Hendon</u>         |
| 64. <u>Chief of Records</u>           | 64. <u>Mr. Pennington</u>     |
| 65. <u>Chief of Communications</u>    | 65. <u>Mr. Quinn</u>          |
| 66. <u>Chief of Liaison</u>           | 66. <u>Mr. Nease</u>          |
| 67. <u>Chief of Legal</u>             | 67. <u>Mr. Clegg</u>          |
| 68. <u>Chief of Finance</u>           | 68. <u>Mr. Glavin</u>         |
| 69. <u>Chief of Public Relations</u>  | 69. <u>Mr. Ladd</u>           |
| 70. <u>Chief of Security</u>          | 70. <u>Mr. Nichols</u>        |
| 71. <u>Chief of Planning</u>          | 71. <u>Mr. Rosen</u>          |
| 72. <u>Chief of Research</u>          | 72. <u>Mr. Tracy</u>          |
| 73. <u>Chief of Development</u>       | 73. <u>Mr. Egan</u>           |
| 74. <u>Chief of Evaluation</u>        | 74. <u>Mr. Gurnea</u>         |
| 75. <u>Chief of Innovation</u>        | 75. <u>Mr. Harbo</u>          |
| 76. <u>Chief of Implementation</u>    | 76. <u>Mr. Hendon</u>         |
| 77. <u>Chief of Maintenance</u>       | 77. <u>Mr. Pennington</u>     |
| 78. <u>Chief of Operations</u>        | 78. <u>Mr. Quinn</u>          |
| 79. <u>Chief of Personnel</u>         | 79. <u>Mr. Nease</u>          |
| 80. <u>Chief of Procurement</u>       | 80. <u>Mr. Clegg</u>          |
| 81. <u>Chief of Quality Assurance</u> | 81. <u>Mr. Glavin</u>         |
| 82. <u>Chief of Safety</u>            | 82. <u>Mr. Ladd</u>           |
| 83. <u>Chief of Supervision</u>       | 83. <u>Mr. Nichols</u>        |
| 84. <u>Chief of Support</u>           | 84. <u>Mr. Rosen</u>          |
| 85. <u>Chief of Technology</u>        | 85. <u>Mr. Tracy</u>          |
| 86. <u>Chief of Transportation</u>    | 86. <u>Mr. Egan</u>           |
| 87. <u>Chief of Training</u>          | 87. <u>Mr. Gurnea</u>         |
| 88. <u>Chief of Administration</u>    | 88. <u>Mr. Harbo</u>          |
| 89. <u>Chief of Investigation</u>     | 89. <u>Mr. Hendon</u>         |
| 90. <u>Chief of Records</u>           | 90. <u>Mr. Pennington</u>     |
| 91. <u>Chief of Communications</u>    | 91. <u>Mr. Quinn</u>          |
| 92. <u>Chief of Liaison</u>           | 92. <u>Mr. Nease</u>          |
| 93. <u>Chief of Legal</u>             | 93. <u>Mr. Clegg</u>          |
| 94. <u>Chief of Finance</u>           | 94. <u>Mr. Glavin</u>         |
| 95. <u>Chief of Public Relations</u>  | 95. <u>Mr. Ladd</u>           |
| 96. <u>Chief of Security</u>          | 96. <u>Mr. Nichols</u>        |
| 97. <u>Chief of Planning</u>          | 97. <u>Mr. Rosen</u>          |

John Malinowski  
Edmund Sprogis  
Steven Voldman

# Dual chip stack method for electro-static discharge protection of integrated circuits

PTO-2040  
12/99

**ISSUING CLASSIFICATION**

[illegible]

|   |  |             |                                   |                                      |
|---|--|-------------|-----------------------------------|--------------------------------------|
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b>   | <b>DRAWINGS</b>                              |             | <b>CLAIMS ALLOWED</b>             |                                      |
|   | Sheets Drwg.                                 | Figs. Drwg. | Print Fig.                        | Total Claims<br>Print Claim for O.G. |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.  | _____<br>(Assistant Examiner) (Date)         |             | <b>NOTICE OF ALLOWANCE MAILED</b> |                                      |
| <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____<br>_____<br>_____ | _____<br>(Primary Examiner) (Date)           |             | <b>ISSUE FEE</b>                  |                                      |
|   |  |             | Amount Due                        | Date Paid                            |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.   | _____<br>(Legal Instruments Examiner) (Date) |             | <b>ISSUE BATCH NUMBER</b>         |                                      |

**WARNING:** The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent and Trademark Office is restricted to authorized employees and contractors only.

Form **PTO-436A**  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)